

BIOFA Wood glazes

Article No. 1075, colorless

Article No. 1061, 1085 color

Properties

Open-pore, satin, and weather-resistant natural oilwood glaze. Results in a dirt and water-repellent, elastic film. For all hardwoods and softwoods for interior and exterior applications, such as windows, doors, facade cladding, half-timbered construction, fences, interior built-ins, furniture, children's toys, etc. Also for woods with sawmill finishes.

Using the white glaze can inhibit or conceal the darkening of light-colored woods.

The colorless glaze 1075 is only suited for indoor use.

Attention! BIOFA products for outdoor applications are intended to round out construction-based wood protection. This must be taken into account during the planning and execution phases (DIN 68800-2(4)).

Ingredients

Aromatic-free, highly-purified white spirit, ricin oil-colophony resin blend, soy oil, wood oil stand oil, ricin oil, linseed oil, safflower oil, pigments depending on hue, matting agent, zinc oxide, swelling clay, wetting agent, cobalt-polymer drying agent, calcium, zirconium, and manganese drying agent, anti-foaming agent, antioxidant.

Processing steps:

1. Preparation

The substrate must be dry (max. wood moisture content: 12%), and clean; clean with BIOFA thinner 0500 as needed. Surface sand and clean old coats with good adhesion. Remove old, loose coats, surface sand and clean substrate. Prior to initial treatment, tannin-rich woods (e.g. oak) or tropical woods for exterior building components such as windows, doors, etc. must be thoroughly washed off with white spirit or denatured alcohol. Prime outdoor applications with diluted wood glaze (1:1 with BIOFA thinner 0500), and with diluted colorless wood glaze 1075 for indoor applications. If wood protection iaw. DIN 68805 is specified (e.g. for pine wood at risk of blue staining), a pre-treatment with a commercially available primer (use products with RAL quality seal) must be

applied. Multi-sheet wood panels for outdoor use must be primed with a fungicide. Then sand between coats with 180-240 grit.

2. Base coat

Thoroughly mix wood glaze and apply by brushing, rolling, or spraying. For indoor applications, the coat can be diluted with BIOFA thinner 0500 as needed. Sand between coats as needed.

3. Intermediate and topcoats

Apply a 2nd coat of wood glaze for outdoor applications. As needed for indoors, depending on the desired color intensity. Sand between coats as needed. For indoor applications, the colored glazes can be mixed in any ratio with colorless glaze 1075 or thinner 0500. Very thin glaze coats bring out the wood grain to perfection. Prior to installation, exterior building components (windows, doors, etc.) must receive at least a primer coat and a second coat on all sides (iaw. VOB, part C, DIN 18355).

Important: Be sure to test product before proceeding! Ensure sufficient fresh air circulation when processing and drying the products! Do not use glazes below 12° C!

Mix containers from different batches before processing!

Technical spraying parameters

Compressed air sprayers: Nozzle: 1.5-1.8 mm, spray pressure: 3-4 bar. Airless: Nozzle: 0.23-0.28 mm, spray pressure 2 bar, material pressure: 80 bar. Viscosity: DIN 53211 / 4mm – approx.40 sec.

4. Equipment cleaning

Immediately after use with thinner 0500. Used thinner can be reused by decanting following a settling phase.

5. Cleaning and caring for the finish

Clean glazed surfaces of windows, doors, and similar building components every 6 months with a soft sponge or rag using a ph-neutral, mild cleaning agent in lukewarm water, then rub down

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once again with clear water. We recommend NACASA universal cleaner 4010 (BIOFA dealer). Aggressive cleaning agents, soap bleaches, ammonium chloride solutions and other highly abrasive scrubbing and cleaning agents and equipment must be categorically avoided.

Inspect the surface condition of weather-facing, dimensionally stable building components like windows, doors, etc. 1-2 per years following cleaning with NACASA 4010. Immediately repair minor damage. A closed, intact finish coat must be in place at all times.

Apply refresher coats with colored wood glaze before damage like mold, bubbles, graying, peeling, cracks starts to form.

Drying

Dry and ready for sanding or painting over after 12 hours. Fully cured after 7 days (20°C / 50-55% rel. humidity). Drying can be inhibited by low temperatures, high ambient humidity, and on tannin-rich woods or tropical woods.

Consumption/yield:

1st coat: 70-100 ml/m² or 10-14 m²/l; 2nd and 3rd coat each 30-50 ml/m² or 20-30 m²/l. However, depends greatly on absorption of substrate.

Storage

Keep cool, dry and properly sealed. May form skin. Remove before next use. Screen glaze as needed!

Container

0.75 l / 2.5 l / 10 l metal containers.

Hazard warnings

Poisonous for water organisms with long-term effect.

Safety instructions

Store processing materials and clothing soaked with product in air-tight metal containers, or soak in water, then spread out and allow to dry on non-combustible ground —(auto-ignition risk!) The

product itself is not auto-ignitable. Keep away from children. WHEN INGESTED: Immediately call POISON INFORMATION CENTER or get medical help. DO NOT induce vomiting. Read label before use. Do not inhale vapor/aerosol. When sprayed, ensure adequate vacuum collection and respiratory protection. Only use in properly ventilated areas. Explosive vapor/air mixtures can be generated when sprayed! Ensure adequate skin protection when processing. Wear fine particulate mask when sanding! Avoid release into the environment. The natural ingredients may generate an odor typical for the product!

Disposal

Deposit liquid product leftovers at collection point for old paints/old varnishes, and/or dispose in compliance with statutory regulations. Minor leftovers and soaked processing materials can be disposed in the household waste after drying out. Only recycle fully emptied containers. Not completely emptied containers must be treated and disposed like the product!

German Waste Classification Directive [Abfallverzeichnis Verordnung - AVV] waste code iaw. European waste classification: 08 01 11*

VOC labeling iaw. Decopaint directive and ChemVOCFarbV:

EU threshold (Cat. A/e): 400 g/l (2010)
1075, 1061-85 contain max. 390 g/l VOC

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